

PROJECT DESCRIPTION

I. GENERAL

THIS PROJECT INVOLVES THE INSTALLATION OF A PEDESTRIAN ACTIVATED HAZARD IDENTIFICATION BEACON (HIB) AT THE MIDBLOCK PEDESTRIAN CROSSING FOR THE SLIGO CREEK TRAIL AT MD 212 IN PRINCE GEORGE'S COUNTY. MD 212 IS ASSUMED TO RUN IN AN NORTH-SOUTH DIRECTION.

II. INTERSECTION OPERATION

THE HIB WILL ALTERNATELY FLASH YELLOW FOR MD 212 WHEN THE PEDESTRIAN PUSHBUTTON IS ACTIVATED.

CONTACTS

The contact persons for this project are as follows:

Ms. Felecia Murphy (PG)  
Assistant District Engineer - Traffic  
Phone: (301) 513-7404

Mr. Vernon Stinnett  
Assistant District Engineer - Maintenance  
Phone: (301) 513-7304

Mr. Victor Grafton  
Utility Engineer  
Phone: (301) 513-7350

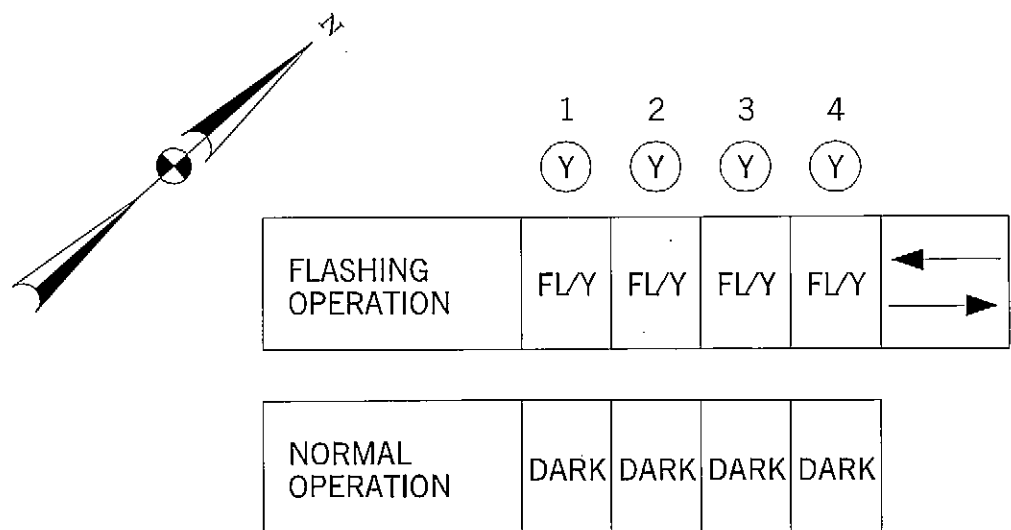
Mr. Richard L. Daff, Sr.  
Chief, Traffic Operations Division  
Phone: (410) 787-7630

Mr. Ed Rodenhizer  
Supervisor, Signal Operations  
Phone: 410-787-7650

Mr. Sonny Bolley  
Supervisor, Sign Shop  
Phone: 410-787-7676

Mr. Mike Stocker  
Supervisor, Signal Warehouse  
Phone: 410-787-7668

PHASE CHART



EQUIPMENT LIST FOR CONTRACT NO. XX3545168R

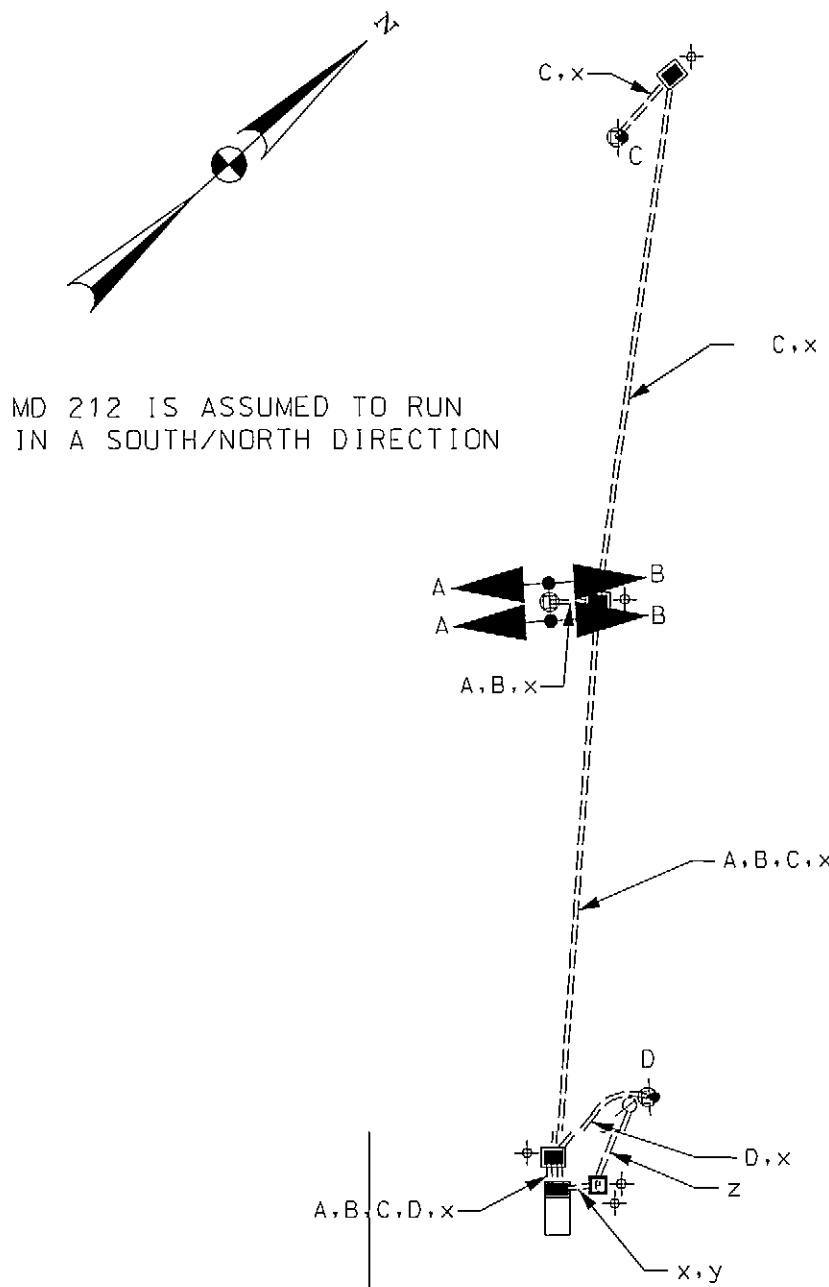
A. EQUIPMENT TO BE FURNISHED BY STATE HIGHWAY ADMINISTRATION

ITEM	QUANTITY	UNIT	DESCRIPTION
9042	1	EA	[UPDATED] CONTROLLER ASC II WITH TELEMETRY
9044	1	EA	[UPDATED] CONTROLLER CABINET, SIZE 6
9570	46	SF	[UPDATED] SHEET ALUMINUM GROUND MOUNTED SIGN
	2	EA	R10-4 (MOD) (9" X 12")
	2	EA	W16-9p (24" X 12")
	4	EA	W11-15 (36" X 36")
	2	EA	W16-7p (L) (24" X 12")

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY CONTRACTOR

ITEM	QUANTITY	UNIT	DESCRIPTION
1003	1	EA	MAINTENANCE OF TRAFFIC
2002	1	CY	TEST PIT EXCAVATION
5003	300	LF	REMOVAL OF EXISTING PERMANENT PAVEMENT LINE MARKINGS
5004	430	LF	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LINES
6002	115	SF	5 INCH CONCRETE SIDEWALK
8001	4	EA	12 INCH LED SIGNAL HEAD SECTION
8009	3	EA	BREAKAWAY PEDESTAL POLE (ANY SIZE)
8012	1	EA	EMBEDDED METERED SERVICE PEDESTAL
8024	1	EA	REMOVE & DISPOSE OF EQUIPMENT (PER ASSIGNMENT)
8034	120	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-BORED
8035	30	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-SLOTTED
8036	25	LF	UP TO 4 INCH SCHEDULE 80 RIGID PVC CONDUIT-TRENCHED
8037	32	LF	WOOD SIGN SUPPORTS UP TO 4"X 6"
8038	46	SF	INSTALL OVERHEAD OR GROUND MOUNTED SIGN (INCLUDING ALL HARDWARE)
8040	185	LF	NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
8043	45	LF	ELECTRICAL CABLE 1-CONDUCTOR NO. 8 AWG-THHN/THWN
8044	3	EA	FURNISH AND INSTALL ELECTRICAL HANDHOLE
8051	200	LF	ELECTRICAL CABLE - 2 CONDUCTOR (NO. 14 AWG)
8053	225	LF	ELECTRICAL CABLE - 5 CONDUCTOR (NO. 14 AWG)
8061	1	EA	INSTALL CONTROLLER AND CABINET - BASE MOUNT
8062	150	LF	1-CONDUCTOR ELECTRICAL CABLE, NO. 2 AWG/THHN
8063	2	EA	NEG-APPROVED-F&I STANDARD NON-AUDIBLE PEDESTRIAN PUSH BUTTON

WIRING DIAGRAM



WIRING KEY

- WIRING KEY
- A.B. } 5 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
  - C.D. } 2 CONDUCTOR ELECTRICAL CABLE (NO. 14 AWG)
  - x } NO. 6 AWG STRANDED BARE COPPER GROUND WIRE
  - y } 3 WIRES, 1 CONDUCTOR ELECTRICAL CABLE (NO. 8 AWG THHN/THWN)
  - z } 3 WIRES, 1 CONDUCTOR ELECTRICAL CABLE (NO. 2 AWG/THHN)
  - + } GROUND ROD

NOTE:

THE CONTRACTOR WILL REQUEST A "WORK WITH" FROM PEPCO FOR THE INSTALLATION OF THE SERVICE CABLE. IT HAS BEEN ASSUMED AND ESTIMATED THAT ADDITIONAL SERVICE CABLE WILL BE COILED AND ATTACHED (TO THE WOOD POLE) TO PEPCO STANDARDS.

TOD NO: XX354-26  
SHA NO: PG901A58/K58  
MD 208 @ Northwest Branch Trail  
MD 212 @ Sligo Creek Trail  
MD 410 @ Sligo Creek Trail



STATE OF MARYLAND  
DEPARTMENT OF TRANSPORTATION  
STATE HIGHWAY ADMINISTRATION  
OFFICE OF TRAFFIC & SAFETY  
TRAFFIC ENGINEERING DESIGN DIVISION

MD 212 AT SLIGO CREEK TRIAL  
HYATTSVILLE, MD

GENERAL INFORMATION PLAN SHEET

SCALE \_\_\_\_\_ NTS \_\_\_\_\_ DATE \_\_\_\_\_ 10/10 \_\_\_\_\_ CONTRACT NO. \_\_\_\_\_ XX3545168R \_\_\_\_\_

DESIGNED BY \_\_\_\_\_ XM \_\_\_\_\_ COUNTY \_\_\_\_\_ PRINCE GEORGE'S \_\_\_\_\_  
DRAWN BY \_\_\_\_\_ XM \_\_\_\_\_ LOGMILE \_\_\_\_\_ 16021201.19 \_\_\_\_\_  
CHECKED BY \_\_\_\_\_ JB \_\_\_\_\_ TMS NO. \_\_\_\_\_ K182 \_\_\_\_\_  
F.A.P. NO. \_\_\_\_\_ TOD NO. \_\_\_\_\_

TS NO. 4776 DRAWING \_\_\_\_\_ OF \_\_\_\_\_ SHEET NO. 2 OF 2



BRUDIS & ASSOCIATES, INC.  
Consulting Engineers  
9240 Rumsey Road, Suite C  
Columbia, Maryland 21046  
Phone 410-884-5807  
www.brudis.com

PLOTTED: Thursday, January 27, 2011 AT 12:35 PM  
FILE: P:\09-002 TEDD\Task 33 MD Prince Georges HIB\Drawings\CADD\Working\MD 212 @ Sligo Creek Trail\GG-F000\_MD212@SligoPKy.dgn

BY: john -